## FORM PTO-1449 Atty. Docket No.: 1109.1102101 Applicant: Jonathan K. Tash Applicant: Jonathan K. Tash Filing Date Group Art: November 8, 2000

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Exam Init	inner	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
HUT	AA	5,115,436	05/19/1992	McAuley	371	37.1	
1	AB	5,659,790	08/19/1997	Kim et al.	395	806	
	AC	5,715,262	02/03/1998	Gupta	371	37.1	
	AD	5,778,187	07/07/1998	Monteiro et al.	395	200	
-	AE	5,793,747	08/11/1998	Kline	370	230	-
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	AG	5,864,557	01/26/1999	Lyons	370	444	
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## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	Brad Cain et al., "Generic Multicast Transport Services: Router Support for Multicast
WIT	Brad Cain et al., "Generic Multicast Transport Services: Router Support for Multicast Applications", CMPSCI Technical Report TR 99-74, October 1999, 15 pages.
ILM AS	Dan Rubenstein et al., "A Centralized, Tree-Based Approach to Network Repair Service for
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	<u> </u>	November 1999, 20 pages.				
HVT AT		Dan Rubenstein et al., "Improving Reliable Multicast Using Active parity Encoding Services (APES)", Technical Report 98-79, University of Massachusetts at Amberst, Department of Computer Science, July 1998, 22 pages.				
	ΑÜ	Dan Rubenstein et al., "Real-Time Reliable Multicast Using Proactive Forward Error Correction", Computer Science Department, University of Massachusetts at Amherst, dated prior to November 8, 2000, 15 pages.				
	AV	Dan Rubenstein et al., "Real-Time Reliable Multicast Using Proactive Forward Error Correction (FEC), University of Massachusetts at Amherst, dated prior to November 8, 2000, 14 slides.				
	AW	Dan Rubenstein et al., "The Impact of Multicast Layering on Network Fairness", Technical Report 99-08, Department of Computer Science, February 1999, 27 pages.				
	AX	Dan Rubenstein et al., "Improving Reliable Multicast Using Active Parity Encoding Serivces (APES)", University of Massachusetts at Amherst, dated prior to November 8, 2000, 14 slides.				
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	AZ	Johannes Blomer et al., "An XOR-Based Erasure-Resilient Coding Scheme", dated prior to November 8, 2000, 19 pages.				
	BA	John W. Byers et al., "A Digital Fountain Approach to Reliable Distribution of Bulk Data", TR-98-013, dated prior to November 8, 2000, 23 pages.				
	ВВ	Jorg Nonnenmacher et al., "Parity-Based Loss Recovery for Reliable Multicast Transmission", Technical Report 97-17, Department of Computer Science, University of Massachusetts, March 1997, 21 pages.				
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	BF	Luigi Rizzo, "On the feasibility of Software FEC", available at <a href="http://www.iet.unipi.it/~luigi/softfec.ps">http://www.iet.unipi.it/~luigi/softfec.ps</a> , dated prior to November 8, 2000, 16 pages.				
	BG	Maya Yajnik et al., "Measurement and Modelling of the Temporal Dependence in Packet Loss", UMASS COMPSCI Technical Report #98-78, dated prior to November 8, 2000, 22 pages.				
	вн	Michael G. Luby et al., "Analysis of Random Processes Via An-Or Tree Evaluation", TR-97-042 dated prior to November 8, 2000, 16 pages.				
	BI	Michael Luby et al., "Practical Loss-Resilent Codes", dated prior to November 8, 2000, 20 pages.				
	ВЈ	Sneha Kumar Kasera et al., "A Comparison of Server-Based and Receiver-Based Local Recovery Approaches for Scalable Reliable Multicast", CMPSCI Technical Report TR 97-69, December 1997.				
	BK	Subhabrata Sen et al., "Frame-based Periodic Broadcast and Fundamental Resource Tradeoffs", Technical Report 99-78 Department of Computer Science, dated prior to November 8, 2000, 23 pages.				
	BL	Subhabrata Sen et al., "Optimal Patching Schemes for Efficient Multimedia Streaming", UMASS CMPSCI Technical Report 99-22, dated prior to November 8, 2000, 16 pages.				

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609 thraw the through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

